

Application No. 10/087,318
Amendment Dated December 1, 2004
Reply to Office Action of June 17, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-3 (cancelled)

4. (previously presented) A radiant heat transfer panel adapted to communicate with a fluid conduit comprising:

a formed tray;

said tray comprising a fixture tower and defining a containment space and a conduit channel;

said space containing a thermal mass;

said channel, containment space and thermal mass configured and arranged to permit heat transfer between said channel and said thermal mass.

5. (previously presented) The radiant heat transfer panel set forth in claim 4, wherein said tray comprises a side gusset.

6. (previously presented) The radiant heat transfer panel set forth in claim 4, wherein said conduit channel is a U-shaped trough or is cylindrical.

Claim 7 (cancelled)

Application No. 10/087,318
Amendment Dated December 1, 2004
Reply to Office Action of June 17, 2004

8. (previously presented) The radiant heat transfer panel set forth in claim 4, wherein said conduit channel comprises a linear section and an arcuate section.

Claim 9 (cancelled)

10. (previously presented) The radiant heat transfer panel set forth in claim 4, wherein said thermal mass comprises a composition selected from a group consisting of cement, mortar, ceramic, concrete and stone.

Claim 11 (cancelled)

12. (currently amended) ~~A~~ The radiant heat transfer panel set forth in claim 4, wherein said thermal mass has adapted to communicate with a fluid conduit comprising:

~~a formed tray;~~

~~said tray defining a containment space and a conduit channel;~~

~~said space containing a thermal mass;~~

~~said thermal mass having an outer~~ surface and said outer surface is a finished flooring surface;

~~said channel, containment space and thermal mass configured and arranged to permit heat transfer between said channel and said thermal mass.~~

Application No. 10/087,318
Amendment Dated December 1, 2004
Reply to Office Action of June 17, 2004

Claims 13-44 (cancelled)